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FURY3-B

WITH RAGE® TECHNOLOGY

210mm / 8-1/4" **MITRE SAW**

Instruction Manual

Read instructions before operating this tool.

BO91000

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EC - DECLARATION OF CONFORMITY

We, Evolution Power Tools Limited, Venture One, Longacre Close, Sheffield, S20 3FR as the supplier of the product listed below:

FURY 210mm TCT Multi Purpose Compound Mitre Saw
Part Number: FURY3B2102/ FURY3B2102EU
Voltage: 110/230v
Power: 1100W
Declare, under our sole responsibility that the equipment to which this document relates, is in conformity with the following standards or other normative documents:-

EN61029-1:2000+A11+A12
EN61029-2-9:2002
EN60825-1:1994+A1+A2
EN55014-1:2006
EN55024-2:1997+A1
EN61000-3-2:2006
EN61000-3-3:1995+A1+A2

and thereby conforms to the protection requirements of Council Directive 2006/95/EC relating to the Low Voltage Directive, Council Directive 98/37/EC relating to the Machine Directive and Council Directive 2004/108/EC relating to the EMC Directive, and is compliant with
Council Directive 2002/95/EC in relation to the Restriction of Hazardous Substances in electrical & electronic equipment (RoHS). EU Directive 2002/95/EC restricts the use of the 6 substances below in the manufacture of specific types of electrical equipment. Whilst this restriction does not legally apply to components, it is recognized that component 'compliance' is relevant to many customers. Evolution Power Tools' definition of RoHS Compliance:

- The product does not contain any restricted substances in concentrations and applications banned by the directive
- and for components, the product is capable of being worked at the higher temperatures required by lead-free soldering.

The restricted substances and maximum allowed concentrations in homogenous materials are, by weight:
Lead – 0.1%
Mercury – 0.1%
PBB (Polybrominated Biphenyis) – 0.1%
PBDE (Polybrominated Diphenyl Ethers) – 0.1%
Hexavalent Chromium – 0.1%
Cadmium – 0.01%
Level of Sound pressure according to 86/188/EEC, 98/37/EC:-

All Relevant technical documentation is held at
Evolution Power Tools
Ltd, Sheffield (UK).
Authorised by:

Mr Matthew J Gavins
Managing Director

5th February 2009

CE RoHS COMPLIANT

MAINTENANCE

CLEANING

Use only mild soap and damp cloth to clean the tool. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.
Regularly clean the tool's air vents with compressed dry air. **DO NOT ATTEMPT TO CLEAN BY INSERTING POINTED OBJECTS THROUGH OPENINGS.**

LUBRICATION

All of the bearings in this tool are lubricated with a sufficient amount of high grade lubricant for the life of the unit under normal operating conditions. Therefore, no further lubrication is required.

12 MONTHS WARRANTY

12 MONTH LIMITED WARRANTY. EVOLUTION POWER TOOLS RESERVES THE RIGHT TO MAKE IMPROVEMENTS AND MODIFICATIONS TO DESIGN WITHOUT PRIOR NOTICE.
Evolution Power Tools will, within twelve (12) months from the original date of purchase, repair or replace any goods found to be defective in materials or workmanship, provided the product warranty registration card has been returned to Evolution Power Tools. This warranty is void if the tool being returned has been used to cut materials beyond the recommendations in the Instruction Manual or if the saw has been damaged by accident, neglect, or improper service. This warranty does not apply to machines and / or components which have been altered, changed, or modified in any way, or subjected to use beyond recommended capacities and specifications. Electrical components are subject to respective manufacturers' warranties. All goods returned defective shall be returned prepaid freight to Evolution Power Tools. Evolution Power Tools reserves the right to optionally repair or replace it with the same or equivalent item. There
is no warranty – written or verbal – for saw blades. In no event shall Evolution Power Tools be liable for loss or damage resulting directly or indirectly from the use or merchandise or from any other cause. Evolution Power Tools is not liable for any costs incurred on such goods or consequential damages. No officer, employee or agent of Evolution Power Tools is authorised to make oral representations of fitness or to waive any of the foregoing terms of sale and none shall be binding on Evolution Power Tools. Questions relating to this limited warranty should be directed to the company's head office, or call the appropriate Helpline number.

OPERATING INSTRUCTIONS

DISCONNECT THE MITRE SAW AND INSPECT YOUR SAW BEFORE EACH USE.
WARNING:
To reduce the risk of injury, always unplug the saw before
changing or adjusting anything. Compare the direction of rotation arrow on
the guard to direction arrow on the blade. The blade teeth should always
point downward at the front of the saw. Tighten the arbor screw. Tighten
the cover plate screw.

PREPARING TO MAKE THE CUT
CAUTION:
• Avoid awkward operations and hand positions where a sudden slip could cause fingers or hand to move into the blade.
• Cut only one workpiece at a time.
• Clear everything except the workpiece and related support devices away from the blade before turning the mitre saw on.
• Ensure workpeice is held securely. Use additional clamps if required.

Body and Hand Position
1. Never place hands near cutting area and keep hand away from the path of blade.
2. Hold workpiece firmly to the fence to prevent movement toward the blade.
3. Before making a cut. Make a dry run with the power off so you can see the path of the blade.
4. Keep hands in position until trigger has been released and the blade has completely stopped.

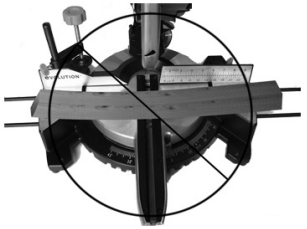
Cutting
The saw handle is pushed down to cut through the workpiece.
1. Place the workpiece on table and against fence and secure.
2. Grasp the saw handle.
3. Turn on saw and allow the saw to reach full speed.
4. Press the lower guard unlock lever for saw head release.
5. Push the saw handle down and cut the workpiece.
6. After cut is complete turn off saw, allow blade to completely stop.

Mitre Cut
An angle of up to 45° left or right can be obtained using the unit.
1. Loosen the mitre angle lock.
2. Pull up the mitre angle set lever.
3. Turn the table unit to the desired angle is indicated on the mitre angle pointer.
4. Tighten the angle lock knob to hold the desired angle.
5. Start the saw and allow it to reach full speed before commencing the cut.

Bevel Cut
1. Loosen the bevel angle lock.
2. Move the blade to the desired bevel angle.
3. Stand to the left side of the handle to make the cut.

Compound cut
When a compound cut is required. Select the desired bevel and mitre positions.

Cutting Bowed Material
Before cutting a workpiece, check to make sure it is not bowed. If it is bowed, the workpiece must be positioned and cut as illustrated. Do not position workpiece incorrectly or try to cut the workpiece without the support of the fence. This will cause pinching of the workpiece on the blade. The workpiece could suddenly jump or move and your hand could hit the blade.



Technical Helpline UK 0870 609 2297
Technical Helpline USA 1-866-EVO-TOOL

Important
Please read these operating and safety instructions carefully and completely. For your own safety, before using this equipment check that the voltage is correct and that all handles and parts are firmly secured. If you are uncertain about any aspect of using this equipment, please contact our Technical Helpline.

Fury 3 B Multi Purpose Mitre Saw

Congratulations on your purchase of an Evolution Power
Tools Fury 3 B Mitre Saw. Please complete and mail
your product registration card. Doing so will validate your
machine's warranty period and ensure prompt service if
needed. We sincerely thank you for selecting a product
from Evolution Power Tools.

CAUTION: IMPORTANT

SAFETY INSTRUCTIONS

To reduce the risk of electric shock, this equipment is fitted
with an approved cord and plug for its intended Country of
use. Do not change the plug or cord in any way.

SPECIFICATIONS

Fury 3 B Multi Purpose Mitre Saw

Motor (230v ~ or 110v-115v ~ 50/60 Hz)	
(Watts):	1100
RPM No Load (min-1):	4000
Recommended Maximum Duty Cycle (Minutes):	30
Weight:	6.1Kg

Blade Dimensions	
Maximum Diameter:	210mm (8-1/4")
Bore Diameter:	25.4mm (1")
Thickness:	2mm (1/16")

Maximum Wood Cutting Capacity

Mitre Bevel	Max Width of Cut	Max Depth of Cut
90°	90°	120mm 50mm
45°L / 45°R	45°	80mm 30mm

Optimum Cutting Thickness (Mild Steel Plate): 3mm (1/8")

Standard Equipment Supplied With Unit:
1 MultiBlade, 1 Box Spanner, 1 Operating Instructions.

MACHINE SET-UP

MOUNTING THE MITRE SAW
WARNING: To reduce the risk of injury from unexpected saw movement, place the saw in the desired location either on a workbench or other recommended leg set. The base of the saw has four holes to mount the mitre saw. If the saw is to be used in one location, permanently fasten it to the workbench or leg set.
1. Tighten the mitre and bevel locks.
2. Place the saw so other people cannot stand behind it. Thrown debris could injure people in its path.
3. Place the saw on a firm, level surface where there is plenty of room for handing and properly supporting the workpiece.
4. Support the saw so the table is level and the saw does not rock.
5. Bolt or clamp the saw to its support.

INSTALLING OR REMOVING THE BLADE
WARNING: Only use genuine Evolution blades which are designed for this machine. Note: Remove the plug from the power supply.
1. Ensure cutting head is up.
2. Remove the guard retaining screw.**(Fig. 1)**
3. Press safety lock lever in and lift up the lower blade guard. **(Fig. 2)**
4. Press the black lock button to lock the arbor. **(Fig. 3)**
5. Using the supplied spanner, release the arbor screw to remove the blade. **(Fig. 4)**
6. Install the new 210 mm (8-1/4") blade. Make sure the rotation arrow on the blade matches the clockwise rotation arrow on the upper guard. The blade teeth should always point downward at the front of the saw.
7. Install the blade washer and arbor screw.
8. Turn box spanner to secure the blade.
9. Tighten arbor screw using moderate force, but do not overtighten.
10. Replace the guard retaining screw. **(Fig. 1)**.
11. Ensure the spanner is removed before operating the machine.

ADJUSTMENT OF THE CUTTING ANGLES; MITRE ANGLE:
1. Simply turn the saw unit to desired angle usienf the main handle.
2. Lock base instruction.

BEVEL ANGLE:
1. Lock the cutting head down with the cutting lock knob.
2. Loosen the bevel lock.
3. Adjust angle until the bevel angle point reaches the desired bevel
angle.
4. Tighten the bevel lock.

CLEARING JAMMED MATERIAL:
1. Turn mitre saw "OFF" by releasing trigger switch.
2. Wait for all moving parts to stop.
3. Unplug the mitre saw.
4. Remove jammed material from the unit.

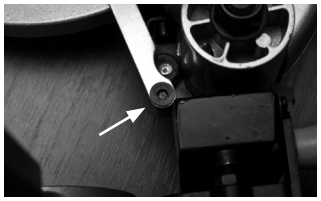


fig. 1

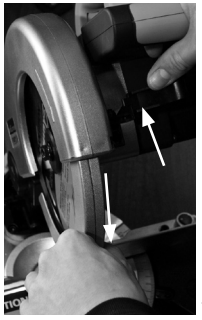


fig. 2

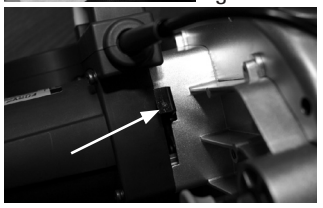


fig. 3

fig. 4

SAFETY INSTRUCTIONS

WARNING: For Your Own Safety. Read Instruction Manual Before Operating Mitre Saw.
1. KEEP GUARDS IN PLACE and in working order.
2. REMOVE ADJUSTING KEYS AND WRENCHES. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
3. KEEP WORK AREA CLEAN. Cluttered areas and benches invite accidents.
4. DON'T USE IN DANGEROUS ENVIRONMENT. Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lit.
5. KEEP CHILDREN AWAY. All visitors should be kept a safe distance from work area.
6. DON'T FORCE TOOL. It will do the job better and safer at the rate for which it was designed.
7. USE PROPER EXTENSION CORD. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.
8. WEAR PROPER APPAREL. Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewellery which may get caught in moving parts. Nonslip footwear recommended. Wear protective hair covering to contain long hair.
9. ALWAYS USE SAFETY GLASSES. Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
10. SECURE WORK. Use additional clamps to secure workpeice where possible.
11. DON'T OVERREACH. Keep proper footing and balance at all times.
12. MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
13. DISCONNECT TOOLS before servicing and when changing accessories, such as blades.
14. REDUCE THE RISK OF UNINTENTIONAL STARTING. Make sure switch is in off position before plugging in.
15. USE RECOMMENDED ACCESSORIES. Only use genuine Evolution accessories.
16. NEVER STAND ON TOOL. Serious injury could occur if the tool is tipped or if the cutting tool is unintentionally contacted.
17. CHECK DAMAGED PARTS. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced before further use.
18. Keep hands out of path of saw blade.
19. Never reach around saw blade.
20. Turn off tool and wait for saw blade to stop before moving workpiece or changing settings.
21. Disconnect power before changing blade, servicing or cleaning.
22. To reduce the risk of injury, return carriage to the full rear position after each crosscut operation.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

ADDITIONAL SAFETY INSTRUCTION

1. Although compact, this saw is heavy. To reduce the risk of back injury, get help whenever you have to lift the saw.
2. To reduce the risk of back injury, hold the tool close to your body when lifting. Bending your knees so you can lift with your legs, not your back. Lift by using the handhold areas at each side of the bottom of the base.
3. Never carry the mitre saw by the power cord or the trigger grip of the handle. Carrying the tool by the power cord could cause damage to the insulation or the wire connections resulting in electric shock or fire.
4. Before moving the saw, tighten the slide lock knob to guard against sudden movement.
5. Place the saw on a secure stationary work surface and check the saw over carefully.